

Division VI - Chemistry and the Environment (DCE)
Conference Call Meeting – Wednesday 27th November 2019
Minutes

1. Welcome, apologies

a. Members participating

Rai Kookana - Australia - Division President	(RK)
Hemda Garelick - UK - Division Vice President	(HG)
Roberto Terzano - Italy - Division Secretary	(RT)
Nadia Kandile - Egypt - TM	(NK)
Doo Soo Chung - Korea - TM	(DSC)
Fani Sakellariadou - GR - TM	(FS)
Annemieke Farenhorst - Canada - TM	(AF)
Laura McConnell – US – TM	(LM)
Bradley Miller – US - AM	(BM)
Diane Purchase - UK - AM	(DP)
Vladimir Beskoski – Serbia – NR	(VB)
Tiina Sikanen – Finland - NR	(TS)
Bulent Mertoglu – Turkey – NR	(BM)

b. Apologies

Baoshan Xing - US - AM	(BX)
John Unsworth - UK - AM	(JU)
Yehuda Shevah – Israel – NR	(YS)

2. News from IUPAC

RK welcomed all the participants and especially the new elected Members for 2020-2021 biennium ([Appendix A](#)). RK acknowledged all the participants for their contribution to Division activities in the last biennium. RK informed Division Members (DM) that IUPAC has been very recently awarded by OPCW (Organization for the Prohibition of Chemical Weapons) for its contribution to OPCW activities through objective scientific support. RK reminded that also our Division has been involved in OPCW activities through the participation of HG to the last OPCW conference in The Hague. Christopher Brett, elected IUPAC President, received the price on behalf of IUPAC. HG added that during the last IUPAC General Assembly in Paris there was a meeting between OPCW and IUPAC representatives and she was asked to coordinate it. Different Divisions are involved in this collaboration and collaborative projects between the two institutions are on the way to be developed. New project ideas in this sense will be welcome. One of the subjects of interest for our Division could be the environmental impact of leftover ammunitions and how to measure contamination related to them. HG reminded that the final ceremony for the celebrations of the international year of periodic table will take place in Tokyo on the 5th of December 2019. RK reported that in 2025 IUPAC World Chemistry Congress will take place in Kuala Lumpur (Malaysia).

3. Division budget

RK informed that \$11,350 are still available for funding projects and that \$950 are left for the operational budget ([Appendix B](#)). Allocation of the project budget will be decided during the

Conference Call while operational budget will serve to cover operational expenses until the end of the year.

4. Projects

a. Status of current projects

FS reported about the status of current projects ([Appendix C](#)). Five projects have been recently closed this year. Other five are still active and have been recently updated in 2019. Additional five not-completed projects have been updated in 2018. FS has contacted project leaders asking for a more recent update of their projects. The project leaders of three old projects which were updated in 2014 did not reply to FS request of update. Project 2014-026-3-600 by Obare has been extended until the end of 2020. RK noticed that, according to the last IUPAC Financial Report, only one project by Kleter has passed the deadline and for other seven the deadline will be the end of December 2019. Some of them will probably need an extension. In particular, for the project 2014-032-1-600 by Karpouzas, none of the \$5,000 was spent. FS informed that she has contacted Karpouzas and he replied that probably a new restart of the project will be needed. HG commented that probably an extension of the project is needed. She also commented about the possibility to use for other Division activities that money which has not been spent in approved projects. RK suggested to contact the Project Leaders whose projects have a deadline in the next months and, at the same time, to see if residual budget of those projects can be used in other ways by the Division, for example to support other projects or face-to-face meetings in the next biennium. This last solution could be useful for those Members who are part of the Task Group of those projects. FS asked help to find a contact for Klansinc since she could not find an e-mail address or other contacts. HG offered her support.

Actions:

FS – to invite project leaders whose projects have an approaching deadline to consider the opportunity to ask an extension of at least of one year.

HG – to verify if remaining funds of uncompleted projects can be used for other purposes by the Division.

HG – to send FS Klansinc's contact.

b. Project under consideration/approval etc.

FS reported that two new projects have been under consideration in the last three months, one on microplastics by Weiping Wu and the other one on PFASs by Bradley Miller. After the revision process, the revised projects were electronically voted by Division Members and the results were: 1) microplastics project received 4 supporting votes and no contrary ones; 2) PFASs project received 6 supporting votes and no contrary ones. RK, after having verified that the full review process was completed, asked all the Division Members online to vote for the final approval of the two projects. In addition, he asked to approve the following budgets to be allocated for the two projects: 1) \$6500 for the Microplastic project; 2) \$4850 for the PFASs project. FS added that the microplastic project will receive additional financial support also from Divisions III (\$1500), IV (\$1500) and V (\$1500), as well as from Dr. Wu's own budget. All Division Members online approved the two projects and budget allocation.

Action:

FS – to inform Fabienne Meyers that the two projects have been approved by the Division and the allocated budget.

c. *New projects in preparation*

RK reminded that during the last Division Meeting in Paris, a number of project ideas was proposed within both Subcommittees and some of them should be developed for submission in the next biennium. In particular, a project in support of the organization of the next APCE & CECE Conference chaired by DSC in November 2020 in Angkor Wat should be prepared by the beginning of next year, also to allow the organization of the Division VI meeting in Cambodia. RT and HG agreed to support DSC in the preparation of the project. RK reminded that the new call for project proposal has been launched at the end of September until the end of September 2020 and an advertisement is available on the Division website.

Actions:

DSC, RT and HG – to prepare a project proposal in support of the APCE & CECE Conference and Division VI face to face meeting organization.

5. Short sub-committees reports

a. *Subcommittee on Crop Protection Chemistry*

LM reported about the activities of the Subcommittee on Crop Protection Chemistry ([Appendix D](#)). LM reminded that the whole group met in May 2019 at the IUPAC Congress on Crop Protection in Ghent and informed DM about the new dedicated webpage created in the Division VI website. The name of the Subcommittee has been reverted to “Advisory Committee on Crop Protection Chemistry”. The Subcommittee meets periodically during relevant Conferences on the subject of crop protection chemistry or remotely through GoToMeeting. LM reported that the Congress in Ghent was very well attended and well organized and recently an article on the Congress has been published in Chemistry International journal. From January 7th to 10th 2020 there will be a Conference on “Agrochemicals Protecting Crops, Health and Natural Environment” in New Delhi, India. New Delhi will host also the next 15th IUPAC International Congress on Crop Protection Chemistry, from 10th to 13th January 2023. LM listed a number of project ideas that were discussed during the last Subcommittee meeting and which are summarized in [Appendix D](#). LM suggested the possibility to prepare new projects to make an update of topics which have received particular attention and citations over the last years. Subcommittee Member list needs to be updated. LM anticipated that in February 2020 there will be again a global breakfast initiative. The Subcommittee will be soon in need of a new Chair for the coming years. The election of a new Chair will be discussed within the Subcommittee during the next meeting, probably in January. HG reminded that the Chair of the Subcommittee must be a Member of the Division.

Actions:

LM and all Subcommittee Members – to elect a new Chair for the next biennium.

b. *Subcommittee on Chemical and Biophysical Processes in the Environment*

DP reported about the activities of the Subcommittee ([Appendix E](#)). DP welcomed some new Subcommittee Members who expressed their interest to be part of the Subcommittee. DP listed a number of project ideas that were put forward during the last meeting in Paris. Projects on microplastics and PFASs in the environment have been already developed and approved for funding. The latter project is a joint initiative of both subcommittees. Also the other ideas will be explored soon to see if other projects could be developed within the Subcommittee. A list of new project ideas and current and completed projects is reported in [Appendix E](#). DP represented IUPAC

at the last World Mycotoxin Forum in Belfast. She reported that the Organizers were very interested in establishing a connection with the Advisory Committee in Crop Protection Chemistry.

6. New Division representatives on Standing Committees and other Divisions for 2020-2021

RK reminded that Division representatives were already defined during the last meeting in Paris but a specific request recently came about the representative on ICTNS. IUPAC was informed that Petr Fedotov (PF) will continue with his representative role in ICTNS. RT raised an issue about the Division representative on CCE. In Paris, it was decided that the national representative from Malaysia Joon Ching Juan would have taken this role since Irina Perminova asked to be substituted. However, it was recently pointed out that Division representative on CCE should be a titular member. RK suggested to verify if among TM there is somebody willing to cover this role, otherwise to ask IUPAC if it is possible to identify an AM or NR as Division representative on CCE. HG remarked that by her experience CCE is a very good active committee.

Action:

HG – to seek for a TM representative on CCE or to ask IUPAC Secretary permission for a non-TM to be in the Committee.

7. IUPAC 2021 GA and WCC (Canada): News and actions

RK and HG commented that, at the moment, the topic of Chemistry and the Environment is not adequately represented in the preliminary program. RK suggested to write officially the Conference Organizers pointing out this issue and, at the same time, to contact them unofficially through AF to discuss about the opportunity to revise the program. As Division we could also support the Organizers through the organization of Special Symposia on Environmental topics like it was done in Paris. RK suggested to circulate the letter received from GA and WCC organizers among all Division Members to hear about their opinion on how to influence a revision of the program and propose special symposia on environmental topics. HG informed Division Members that a form for symposium proposal was sent by the Organizers and that the deadline is the 15th of January 2020. RK suggested HG to contact Neil Burford of the Organizing Committee and AF to contact Technical Program Co-chairs Kim Baines and Jeremy Melanson to seek the possibility to influence the final program. RK asked DP to think about special symposia to propose to Conference Organizers, as it was successfully done in Paris GA. A common strategy will be developed in the coming days before contacting WCC Organizers. LM expressed interest in being involved in suggesting and organizing symposia on Crop Protection Chemistry at next WCC.

Actions

HG – to contact next WCC Organizer Neil Burford of Canada reminding him about the importance of Environmental Chemistry in the Conference program

AF – to contact Technical Program Co-chairs Kim Baines and Jeremy Melanson and discuss with them about giving more relevance to Environmental Chemistry in the program

RT – to circulate the preliminary program and Symposium proposal form to all Division Members to hear about their opinion and suggestions on the organization of Special symposia

DP, LM and other Division Members – to propose ideas for Special Symposia at the WCC in Canada

8. Conferences, collaborations and outreach plans

a. *Clear 2020 Conference*

DP briefly described the organization of the Conference that will take place in London at Middlesex University from 13th to 15th of May 2020. A number of Division Members are involved in the Organizing and Scientific Committees. The Conference just received IUPAC endorsement.

b. APCE & CECE 2020 Conference

DSC briefly introduced the joint Conference, that will take place at Angkor Wat (Cambodia) from the 1st to the 5th of November 2020. The Conference received IUPAC endorsement. Beside other topics, there will be a Special Symposium on microplastics and another one on PFASs, both related to the recently approved Division VI projects. In addition, Division VI is planning to have there the annual face-to-face meeting. Division meeting is scheduled for Saturday 31st October and Sunday 1st November. DSC pointed out three issues to discuss with DM: 1) registration fees; 2) size of the conference rooms; 3) joint events with the Environmental Ministry of Korea. DSC informed that he can cover the costs for the meeting rooms but registration fees should be covered by IUPAC participants. HG reminded that IUPAC projects cannot cover registration fees. DSC then suggested to use IUPAC project funds only for travel and accommodation expenses while the registration fee should be covered by personal budget. RK suggested instead of IUPAC covering registration fees (the number of IUPAC participants to be known in advance) it is happy to cover other costs, e.g. for meeting room renting, catering costs or other related services. HG suggested to prepare a project, involving other Division Members in order to cover as much as possible the participants and invited speakers expenses for both the meeting and the conference. DSC argued that other public and private sponsors can contribute to support the project. DSC asked to know well in advance the number of IUPAC participants in order to define the size of the rooms needed. DSC suggested to have a joint Symposium on microplastics with the Environment Ministry of Korea. RK suggested to ask support for Division symposia by Environment Ministry of Korea or other sponsors they could bring in. RK invited DSC to explore this collaboration and all Division Members agreed with this endorsement.

Actions

DSC, HG and RT – to prepare a project proposal by the end of the year to support the organization of the annual Division Meeting in Angkor Wat

DSC – to seek collaboration and sponsorship from Korean Environment Ministry for joint symposia at APCE & CECE Conference

c. Any other ideas

None

9. Division VI web pages and social media communication

RT described the last updates of the Division website. RT suggested updating the Division Members' biosketches for the coming biennium. HG asked all Division Members to update their profile on IUPAC webpages and make own contacts visible to everybody in order to be more easily reached. RT described the procedure on how to login and update personal page. LM reminded that if anybody has problems with logging in, they can contact the IUPAC Secretariat and that, after logging in, Division Members can also access Chemistry International journal for free. RT showed again the updated pages of the "Advisory Committee on Crop Protection Chemistry" and suggested "Subcommittee on Chemical and Biophysical Processes in the Environment" to update its webpage. BM solicited Division Members to invite other colleagues to join the Division group in LinkedIn. BM suggested using LinkedIn pages to promote the Conferences and workshops organized by the Division within IUPAC projects. LM suggested developing webinars by Division VI members on some "hot topics" of general interest which

have been developed within IUPAC projects. RK offered to give a webinar on nanopesticides. LM reminded that also IUPAC has a LinkedIn account and LM offered to post on it information from Division VI.

10. AOB

LM reminded that people could join IUPAC as affiliate Members by paying a registration fee (\$50 per year). Also already Division Members can affiliate to IUPAC. This is very important to support IUPAC economically. IUPAC has also activated an online shop where it is possible to buy IUPAC merchandise. This is another way to support IUPAC. At conclusion of the biennium, RK thanked all Division Members for support and active collaboration. HG thanked RK for his job as President on behalf of all the Division.

11. Next conference call and 2020 meeting

HG suggested to have next conference call at the end of January/early February, then another one in May and likely the face-to-face meeting in November at Angkor Wat, Cambodia.

Actions:

AF, HG and RT – to organize next conference call at the end of January/early February